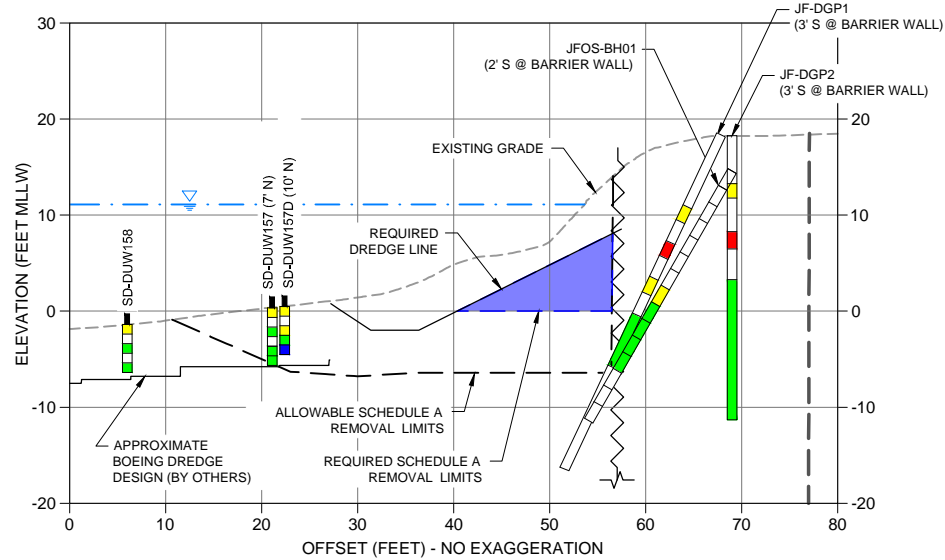
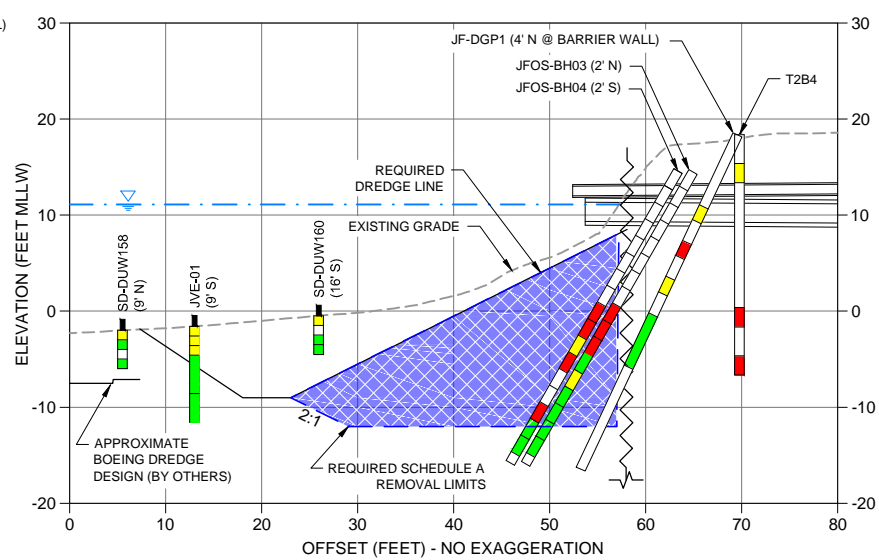


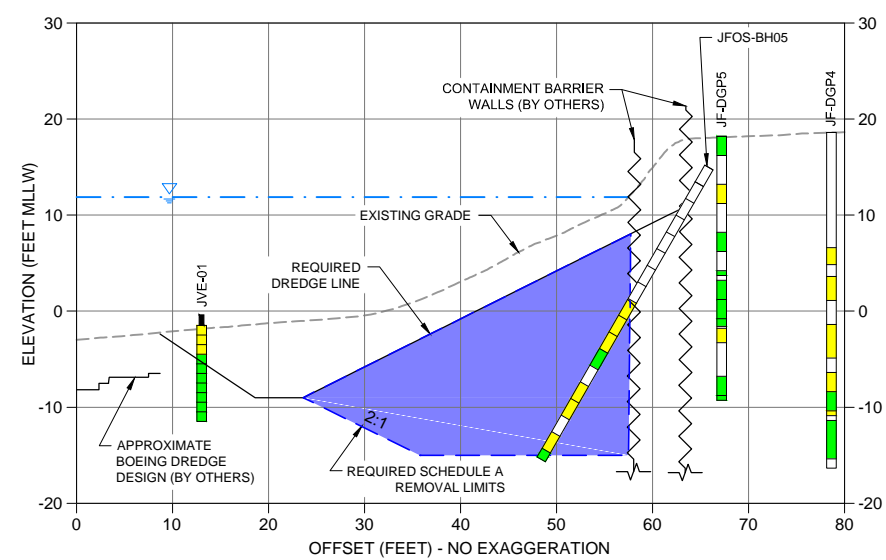
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Dec 12, 2013 2:39pm rpoode



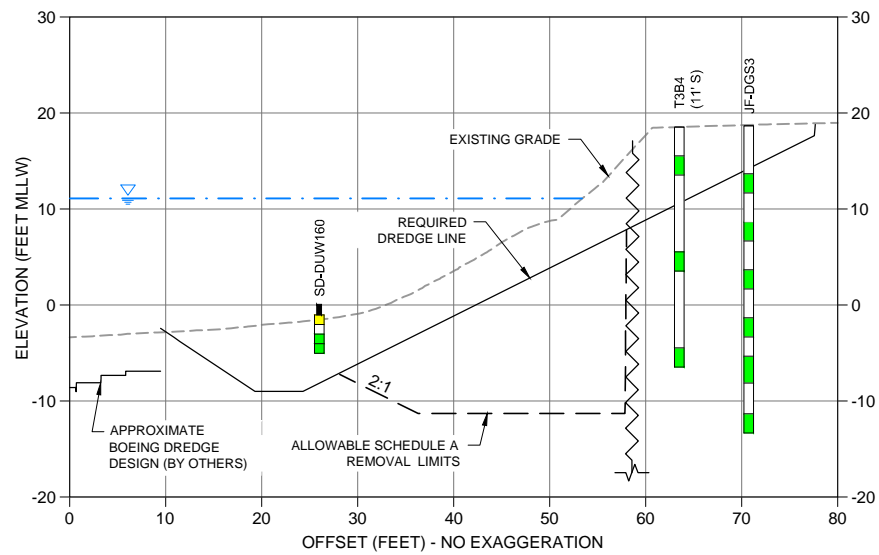
A DREDGE/EXCAVATION SECTION
C-5A SCALE: 1" = 10'



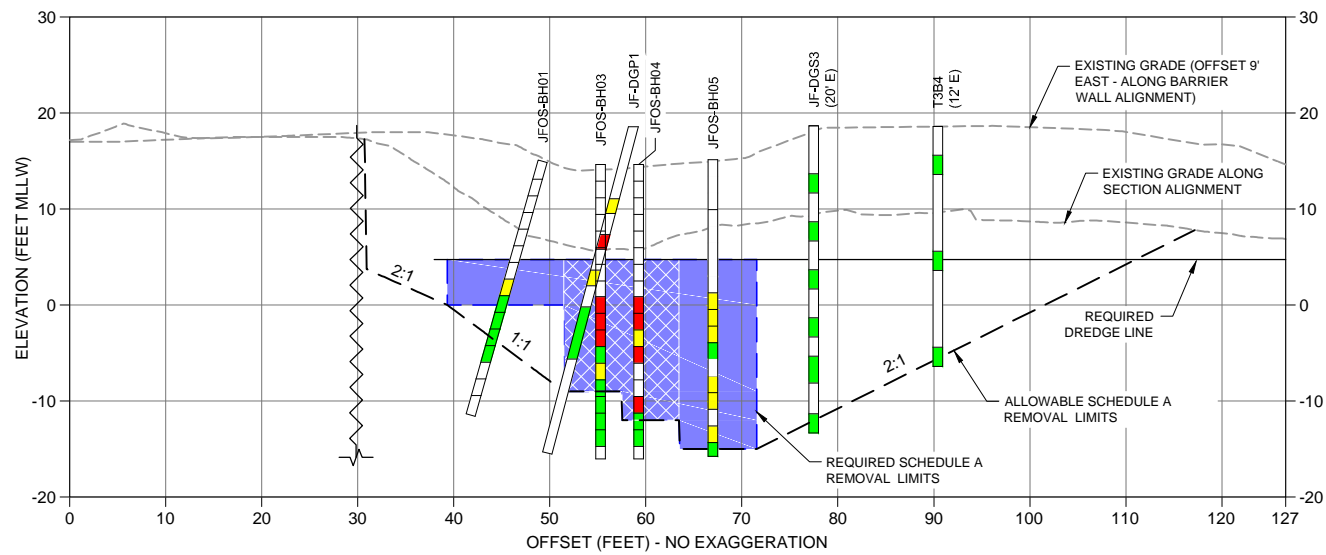
B DREDGE/EXCAVATION SECTION
C-5A SCALE: 1" = 10'



C DREDGE/EXCAVATION SECTION
C-5A SCALE: 1" = 10'



D DREDGE/EXCAVATION SECTION
C-5A SCALE: 1" = 10'



E DREDGE/EXCAVATION SECTION
C-5A SCALE: 1" = 10'

LEGEND:

- EXISTING GRADE
 - EXISTING MHHW (+11.1 MLLW)
 - CONTAINMENT BARRIER WALL (BY OTHERS)
 - EXISTING BOEING SHEET PILE WALL
 - REQUIRED SCHEDULE A REMOVAL LIMITS - NON TSCA
 - REQUIRED SCHEDULE A REMOVAL LIMITS - TSCA
- TOTAL PCB CONCENTRATIONS EAST OF WALL (mg/kg)**
- < 1
 - 1 <= 50
 - > 50
 - Not sampled
- TOTAL PCB CONCENTRATIONS WEST OF WALL (mg/kg)**
- < 1
 - > RvAL <= 50
 - > 50
 - Non-detected concentration > RvAL
 - Not sampled

NOTES:
1. West of the containment barrier wall, the total PCBs RvAL for the Jorgensen Forge EAA removal action is equivalent to the SMS SQS of 12 mg/kg-OC. OC normalization was not completed for samples with TOC concentrations less than 0.5 percent or greater than 4 percent (Michelsen, T.C., Bragdon-Cook, K. 1993). In these cases, the total PCBs RvAL is equivalent to the LAET of 0.13 mg/kg dry weight (PTI 1998). The upland total PCBs RvAL east of the containment barrier wall and any associated necessary removal action will be determined by EPA pursuant to a separate JFOS Order with The Boeing Company and Jorgensen Forge Corporation, outside the scope of the Jorgensen Forge EAA removal action.

ABBREVIATIONS:
mg/kg milligrams per kilogram
MLLW mean lower low water
MHHW mean higher high water
PCB polychlorinated biphenyl
TSCA Toxic Substances Control Act
RvAL Removal Action Level
EAA Early Action Area
SMS Sediment Management Standards
SQS Sediment Quality Standards
OC organic carbon
TOC total organic carbon
LAET Lowest Apparent Effects Threshold

JFOS Jorgensen Forge Outfall Site pursuant to Administrative Order on Consent between EPA, The Boeing Company, and Jorgensen Forge Corporation

NOT ISSUED FOR CONSTRUCTION



EARLE M. JORGENSEN COMPANY

REVISIONS				
REV	DATE	BY	APP'D	DESCRIPTION

DESIGNED BY: _____
DRAWN BY: _____
CHECKED BY: _____
APPROVED BY: _____
SCALE: AS NOTED
DATE: _____

JORGENSEN FORGE EARLY ACTION AREA

JFOS IMPACTED MATERIAL REMOVAL SECTIONS

C-5B

SHEET NO. ## OF ##

ONE INCH
AT FULL SIZE, IF NOT ONE
INCH SCALE ACCORDINGLY